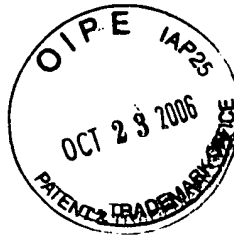


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

Inventor : RUSSELL  
Appln. No. : 10/792,180  
Conf. No.: : 4931  
Filed: : March 3, 2004  
Title: : IMPROVED OPTICAL SYSTEM FOR A GAS  
MEASUREMENT SYSTEM  
  
Group Art Unit : 2884  
Examiner : Taninaco, M.  
Docket No. : 02-68



\* \* \* \* \*

October 23, 2006  
(October 22, 2006 = Sunday)

AMENDMENT

Hon. Commissioner of Patents  
and Trademarks  
Alexandria, VA 22313-1450

Sir:

INTRODUCTORY REMARKS

In response to the Official Action dated June 22, 2006, please enter the following amendments and consider the following remarks.

**Amendments to the Claims** are reflected in the listing of the claims, which begin on page 2 of this paper.

**Remarks** begin on page 9 of this paper.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on October 23, 2006 with sufficient postage as "Express Mail Post Office to Addressee" in an envelope addressed to:

Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Express Mail Label No. EV 196253528 US.

  
Michael W. Haas, Reg. No. 35,174